

# HISTORIC PROPERTY INVENTORY FORM

## IDENTIFICATION SECTION

Field Site No. 622-G OAHP No. \_\_\_\_\_ Date Recorded 11 May 1998  
Site Name Historic Atmospheric Physics Lab Annex Revised 01 June 1998  
Common \_\_\_\_\_  
Field Recorder D.W. Harvey, J.K. Keating  
Owner's Name U.S. Department of Energy, Richland Operations Office  
Address P.O. Box 550  
City/State/Zip Code Richland, WA 99352

State of Washington, Department of Community Development  
Office of Archaeology and Historic Preservation  
111 21st Avenue Southwest, Post Office Box 48343  
Olympia, Washington 98504-8343 (206)753-4011

## Status

- ☒ Survey/Inventory  
☐ National Register  
☐ State Register  
☐ Determined Eligible  
☐ Determined Not Eligible  
☐ Other (HABS, HAER, NHL)  
☐ Local Designation

## Photography

HCRL: \_\_\_\_\_  
Photography Neg. No. Roll 336, Frames 19-20, 22-23  
(Roll No. & Frame No.)  
View of North, South and East Facades  
Date April 1998

Photo at right: Roll 336, Frame 20  
View of south facade.

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object  
District Status ☒ NR ☐ SR ☐ LR ☐ INV  
Contributing ☒ Non-Contributing ☐  
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Historic District

## Description Section

### Materials & Features/Structural Types

Building Type Industry  
Plan Rectangular  
Structural System Wood Frame  
No. of Stories One

### Roof Type

☐ Gable ☐ Hip  
☒ Flat ☐ Pyramidal  
☐ Monitor ☐ Other (specify) \_\_\_\_\_  
☐ Gambrel  
☐ Shed

### Roof Material

☐ Wood Shingle  
☐ Wood Shake  
☐ Composition  
☐ Slate  
☒ Tar/Built-up  
☐ Tile  
☐ Metal (specify) \_\_\_\_\_  
☐ Other (specify) \_\_\_\_\_  
☐ Not visible

### Foundation

☐ Log ☐ Concrete  
☐ Post & Pier ☐ Block  
☐ Stone ☒ Poured  
☐ Brick ☐ Other (specify) \_\_\_\_\_  
☐ Not visible

### Cladding (exterior Wall Surfaces)

- ☐ Log  
☐ Horizontal Wood Siding  
Rustic/Drop ☐  
Clapboard ☐  
☐ Wood Shingle  
☐ Board and Batten  
☒ Vertical Board  
☐ Asbestos/Asphalt  
☐ Brick  
☐ Stone  
☐ Stucco  
☐ Terra Cotta  
☐ Concrete/Concrete Block  
☐ Vinyl/Aluminum Siding  
☐ Metal (specify) \_\_\_\_\_  
☐ Other (specify) \_\_\_\_\_

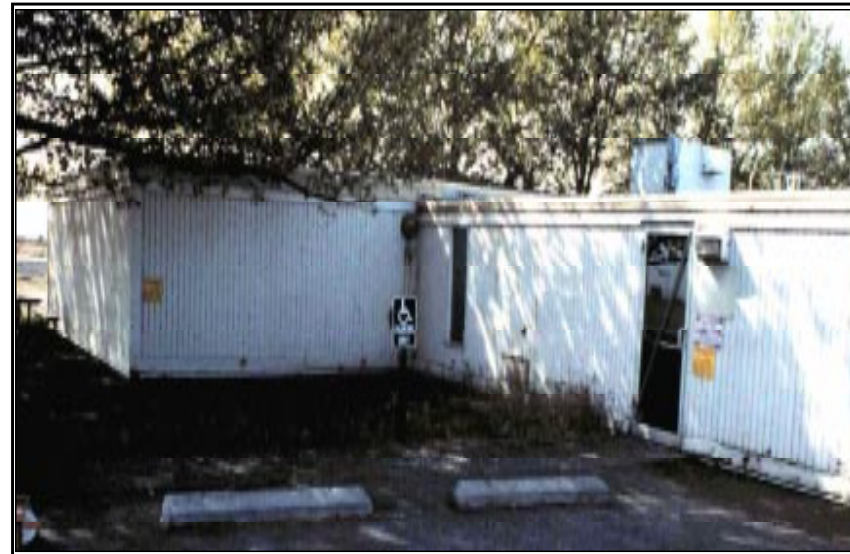
## Integrity

(Include detailed description in  
Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## LOCATION SECTION

Address Building 622-G, 600 Meteorological Complex  
City/Town/County/Zip Code Richland/Benton County/99352  
Twp 13N Range 26E Section 31 1/4 Section SW 1/4 1/4 Sec SW  
Tax No./Parcel No. \_\_\_\_\_ Acreage \_\_\_\_\_  
Quadrangle or map name Gable Butte, Washington Quad. - 7.5 min series 1986  
UTM References Zone 11 Easting 300000 Northing 5159740  
Plat/Block/Lot \_\_\_\_\_  
Supplemental Map(s) \_\_\_\_\_



### High Styles/Forms (Check one or more of the following)

- |   |   |
|---|---|
| <input type="checkbox"/> Greek Revival            | <input type="checkbox"/> Spanish Colonial Revival/Mediterranean |
| <input type="checkbox"/> Gothic Revival           | <input type="checkbox"/> Tudor Revival                          |
| <input type="checkbox"/> Italianate               | <input type="checkbox"/> Craftsman/Arts & Crafts                |
| <input type="checkbox"/> Second Empire            | <input type="checkbox"/> Bungalow                               |
| <input type="checkbox"/> Romanesque Revival       | <input type="checkbox"/> Prairie Style                          |
| <input type="checkbox"/> Stick Style              | <input type="checkbox"/> Art Deco/Art Moderne                   |
| <input type="checkbox"/> Queen Anne               | <input type="checkbox"/> Rustic Style                           |
| <input type="checkbox"/> Shingle Style            | <input type="checkbox"/> International Style                    |
| <input type="checkbox"/> Colonial Revival         | <input type="checkbox"/> Northwest Style                        |
| <input type="checkbox"/> Beaux Arts/Neoclassical  | <input type="checkbox"/> Commercial Vernacular                  |
| <input type="checkbox"/> Chicago/Commercial Style | <input type="checkbox"/> Residential Vernacular (see below)     |
| <input type="checkbox"/> American Foursquare      | <input checked="" type="checkbox"/> Other (specify)             |
| <input type="checkbox"/> Mission Revival          | <u>Industrial Vernacular</u>                                    |

### Vernacular House Types

- |   |  |
|---|--|
| <input type="checkbox"/> Gable Front          | <input type="checkbox"/> Cross Gable           |
| <input type="checkbox"/> Gable Front and Wing | <input type="checkbox"/> Pyramidal/Hipped      |
| <input type="checkbox"/> Side Gable           | <input type="checkbox"/> Other (specify) _____ |

## NARRATIVE SECTION

### Study Unit Themes (check one or more of the following)

☐ Agriculture  
☐ Architecture/Landscape Architecture  
☐ Arts  
☐ Commerce  
☐ Communications  
☐ Community Planning/Development

☐ Conservation  
☐ Education  
☐ Entertainment/Recreation  
☐ Ethnic Heritage (specify) \_\_\_\_\_  
☐ Health/Medicine  
☐ Manufacturing/Industry  
☐ Military

☐ Politics/Government/Law  
☐ Religion  
☐ Science & Engineering  
☐ Social Movements/Organizations  
☐ Transportation  
☒ Other (specify) Cold War Era  
☒ **Study Unit Sub-Theme(s)** Health Safety, Medical; Research & Development

### Statement of Significance

Date of Construction 1975 Architect/Engineer/Builder Vitro Engineering  
☒ In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places.  
☒ In the opinion of the surveyor, this property is located in a potential historic district (National and/or local).

The 622 Hanford Meteorology Station consists of several buildings and structures that support the complex's function to conduct air monitoring, atmospheric studies and evaluate atmospheric impacts on dispersion of airborne hazardous materials. Scientists and the builders of the Hanford Site established this comprehensive meteorological program to determine weather conditions that would allow for safe release of process gasses (especially from the 221 Buildings). Eventually, the Hanford Meteorology Station started collecting data specified by the U.S. Weather Bureau (now the National Weather Service) which included all standard surface weather observations. Today, the Hanford Meteorology Station also compiles climatological data and provides forecasts to the Hanford Site staff and emergency response teams. It is now an U.S. government weather station.

The 622-G Building originally provided office space for employees of the Atmospheric Sciences and Chemistry Department who conducted research and studies in the adjacent 622-R Building. 622-G has housed different departments and employees through time and it still maintains its office space function today.

The 622 Complex plays an important role in the pioneering concept of environmental monitoring and ensuring health and safety in the region through studies and use of atmospheric data. The 622-G Atmospheric Physics Lab Annex provides office space for employees working at the Atmospheric/Meteorology center. It is therefore the conclusion of the U.S. Department of Energy that Building 622-G is eligible for inclusion in the National Register of Historic Places under Criterion A as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

### Description of Physical Appearance

The 622-G Building is a one story, wood framed annex to the 622-R Atmospheric Physics Laboratory. The annex is connected on the east side to the west side of 622-R by an enclosed corridor between the two buildings. The annex has a concrete foundation, exterior wood siding, rectangular vertical mirrored windows, a metal flashing over a wooden cornice, and a flat roof with built up tar and gravel surface. The building measures 116 feet by 32 feet. The interior of the annex contains offices, a kitchen, lunch/conference room, restrooms, and storage rooms. The interior walls are plasterboard and floors are tile. The ceiling is a suspended tile type in the offices and plasterboard in the hallways.

### Major Bibliographic References

Battelle Facilities Administration. Unknown Date. *Facilities Catalog*. PNL-MA-587. Battelle, Pacific Northwest Laboratories. Richland, Washington.

Burk, Ken (PNNL). May 1998. Personal Communication. Richland, Washington.

Drawing: H-6-701

U.S. Department of Energy, Richland Operations Office (DOE-RL). 1994. *Meteorological and Climatological Services*. RL-P94-022. Richland, Washington.